

*Front Shop Induction  
Training  
nahdi pharmacists*

# HAIR CARE



# HAIR *CARE*

## Hair basic routine

shampooing

conditioning

styling

Brushing &  
combing

## Hair treatment

Coloring

Relaxing &  
curling

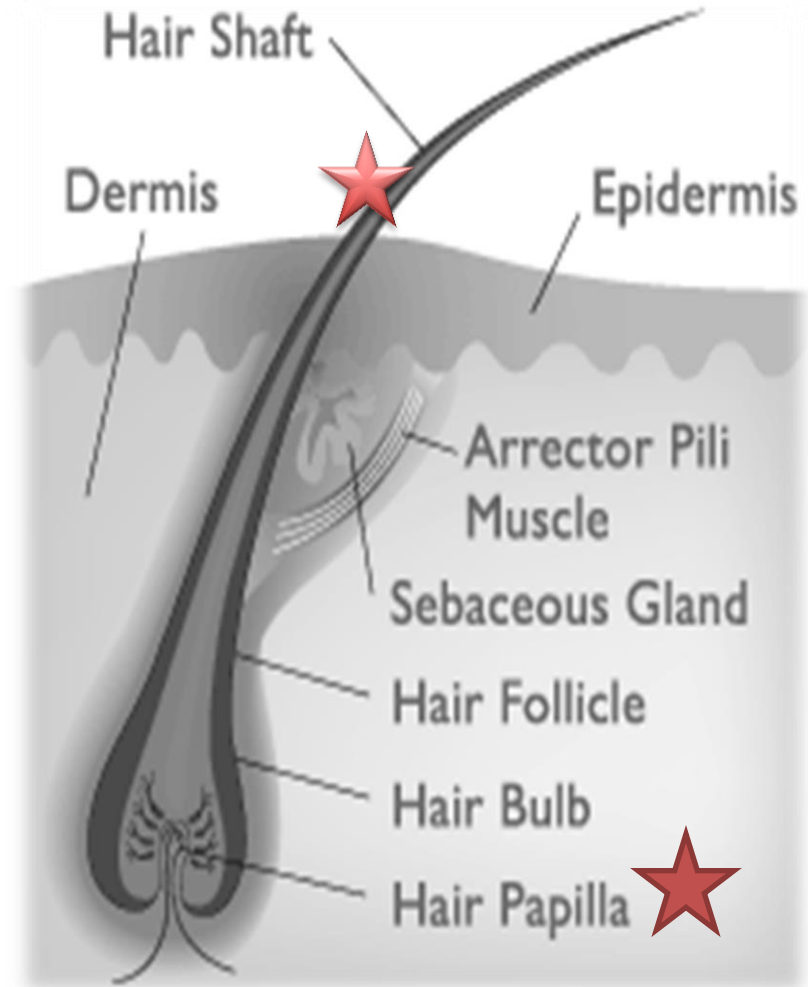
## Hair conditions

H. Loss

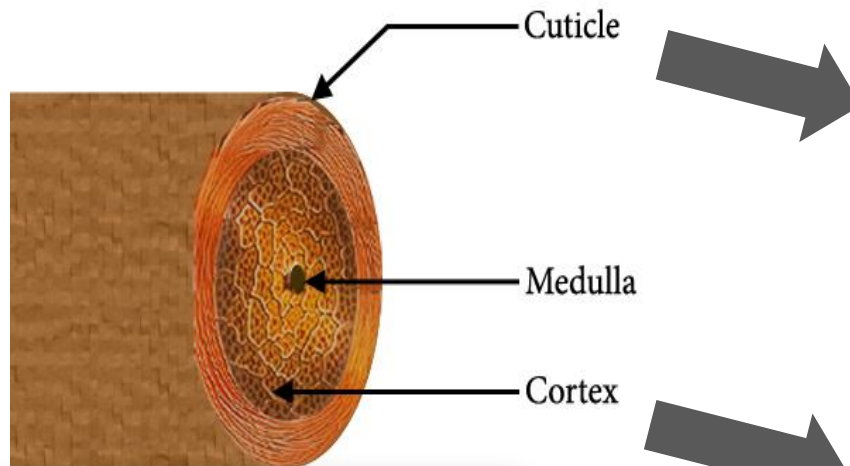
Dandruff

# Hair Structure

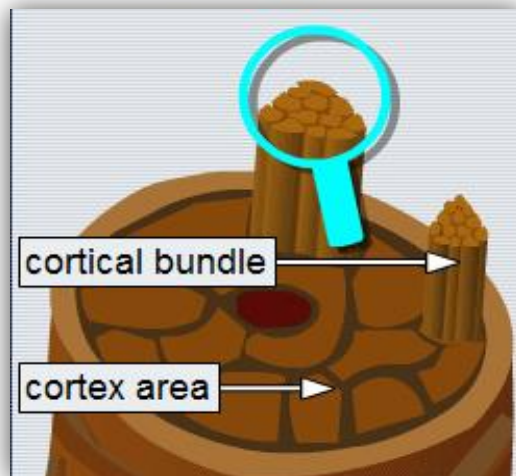
- It has two distinct parts:
  - The hair follicle .
  - The hair shaft.



# Hair Structure



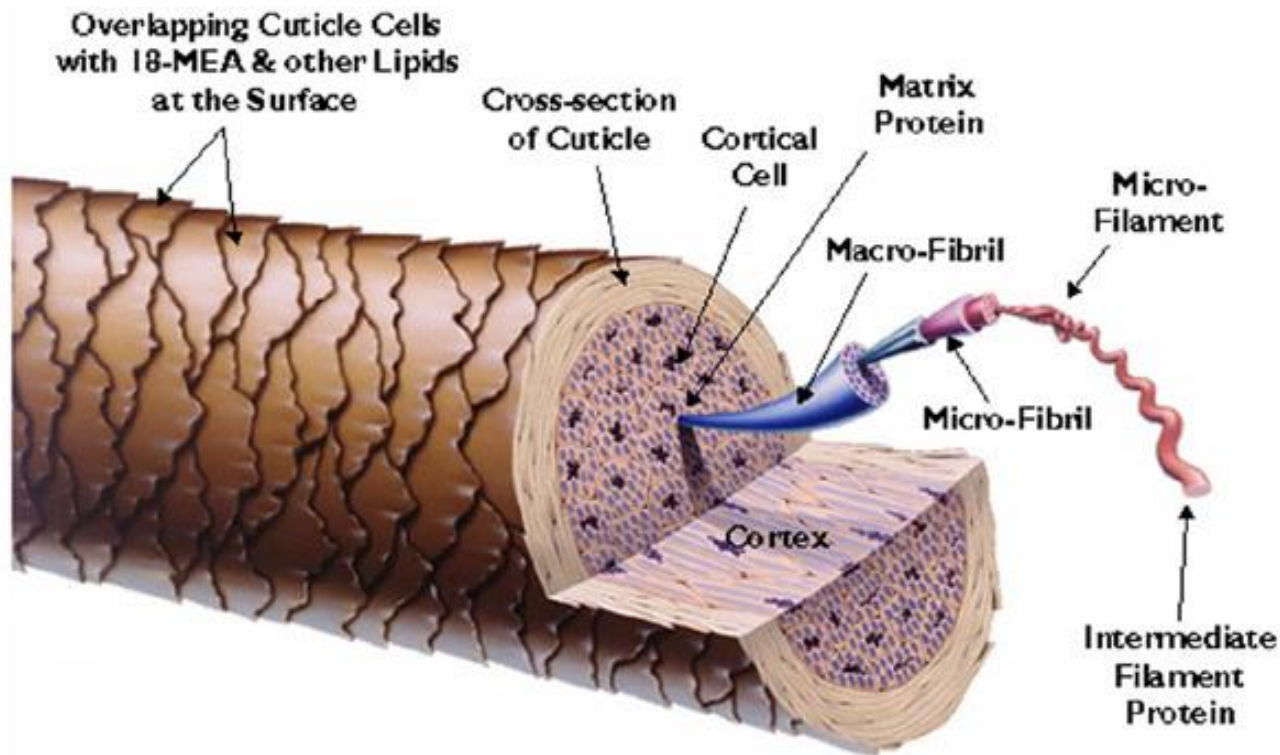
- Cuticle Protective layer
- healthy cuticle = healthy



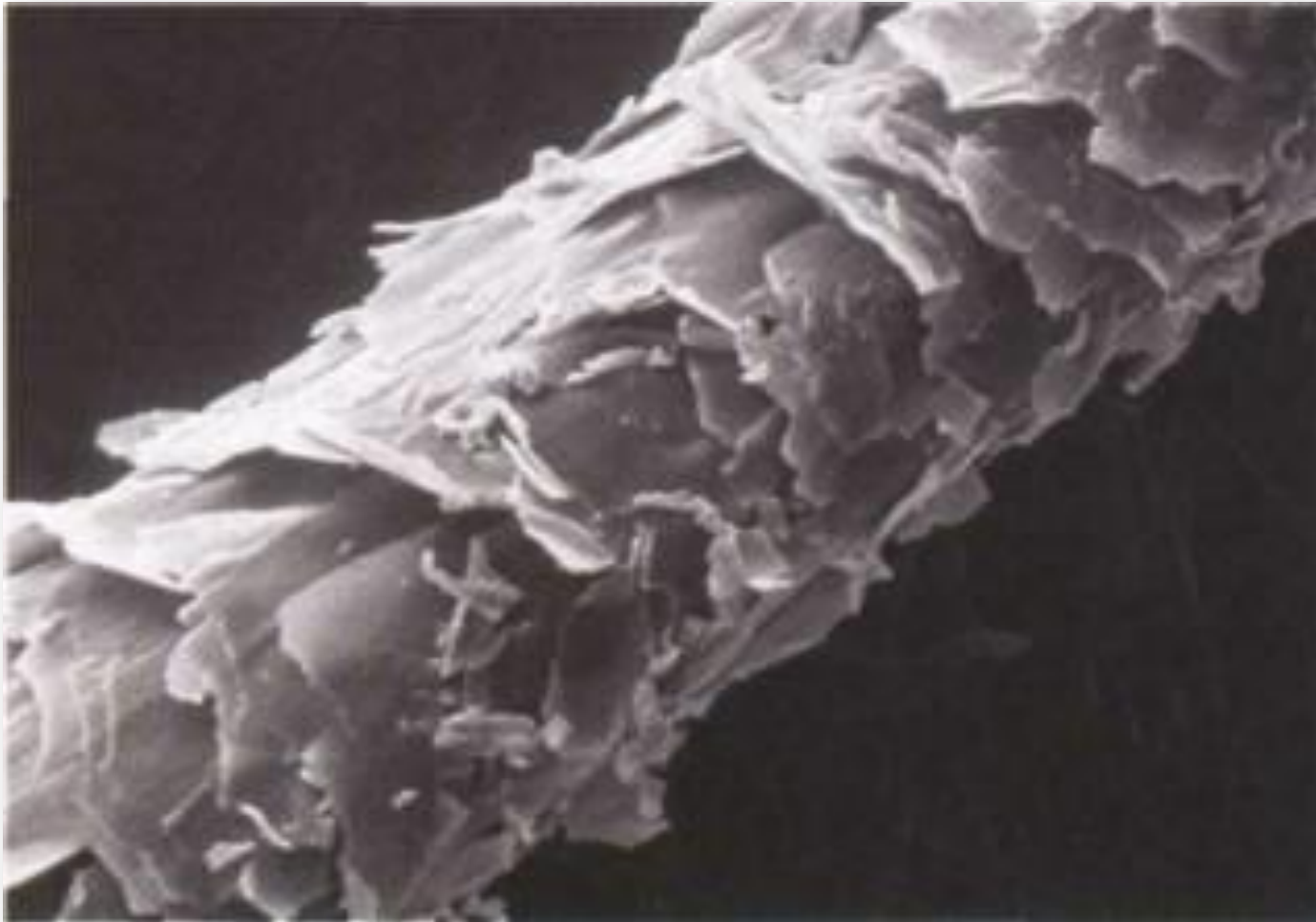
- Cortex Contain keratin fibers
- Cortex Contain melanin (eumelanin - pheomelanin)



# Hair Structure



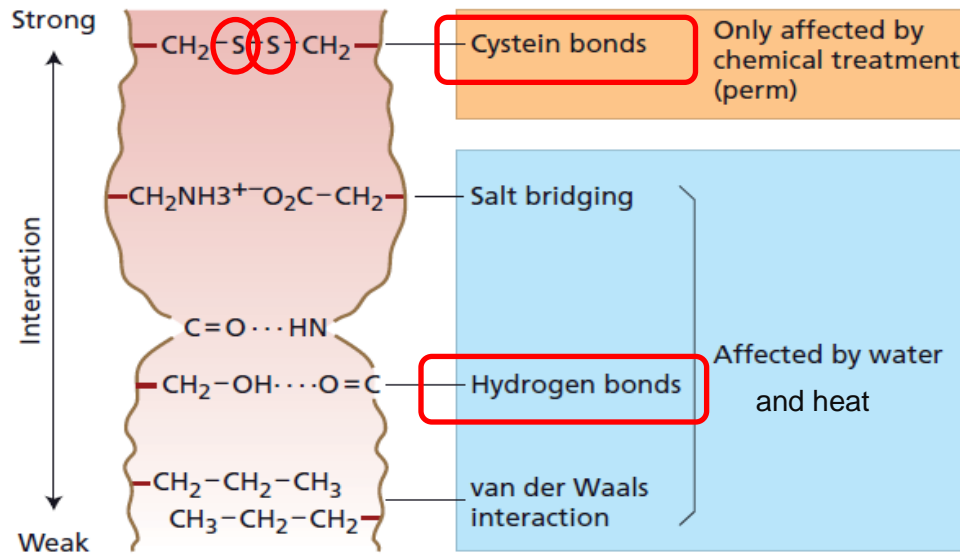
# Hair Damage



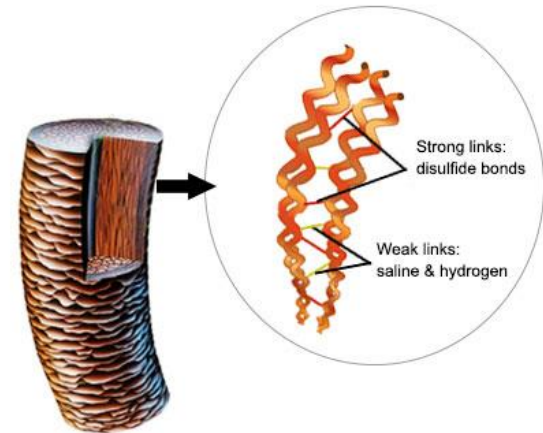
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Full of Hope  
كلنا أمل



# Keratin fibers



Hair structure, strong links and weak links



## Bonds type

- Bonds that are linking keratin fibers together within the hair shaft.
- These Bonds affect the properties of the hair shaft physically.





# Hair types



Oily  
Hair



Normal  
Hair

Dry  
Hair



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# Shampoos

## Goal

- Remove ... . Excess Sebum.
- Remove ... . Dirt & Styling products residues.



# Choosing A Shampoo

**Hair type**

**Scalp conditions**

**Customer habits**

**Age**

## Basic Categories Of Shampoo Surfactants

<i>Surfactant type</i>	<i>Chemical class</i>	<i>Characteristics</i>
Anionics	Lauryl sulfates, laureth sulfates, sarcosines, sulfosuccinates	Deep cleansing, may leave hair harsh
Cationics	Long-chain amino esters, ammonioesters	Poor cleansing, poor lather, impart softness and manageability
Nonionics	Polyoxyethylene fatty alcohols, polyoxyethylene sorbitol esters, alkanolamides	Mildest cleansing, impart manageability
Amphoteric	Betaines, sultaines, imidazolinium derivatives	Nonirritating to eyes, mild cleansing, impart manageability
Natural surfactants	Sarsaparilla, soapwort, soap bark, ivy, agave	Poor cleansing, excellent lather

**Oily shampoo : maximal cleansing .**

**Dry shampoo : minimal cleansing + conditioning.**

**Colored shampoo : minimal cleansing + conditioning + UV Filters**

**Baby shampoo : minimal cleansing & minimal conditioning... (non irritant to eyes)**



Colored shampoo

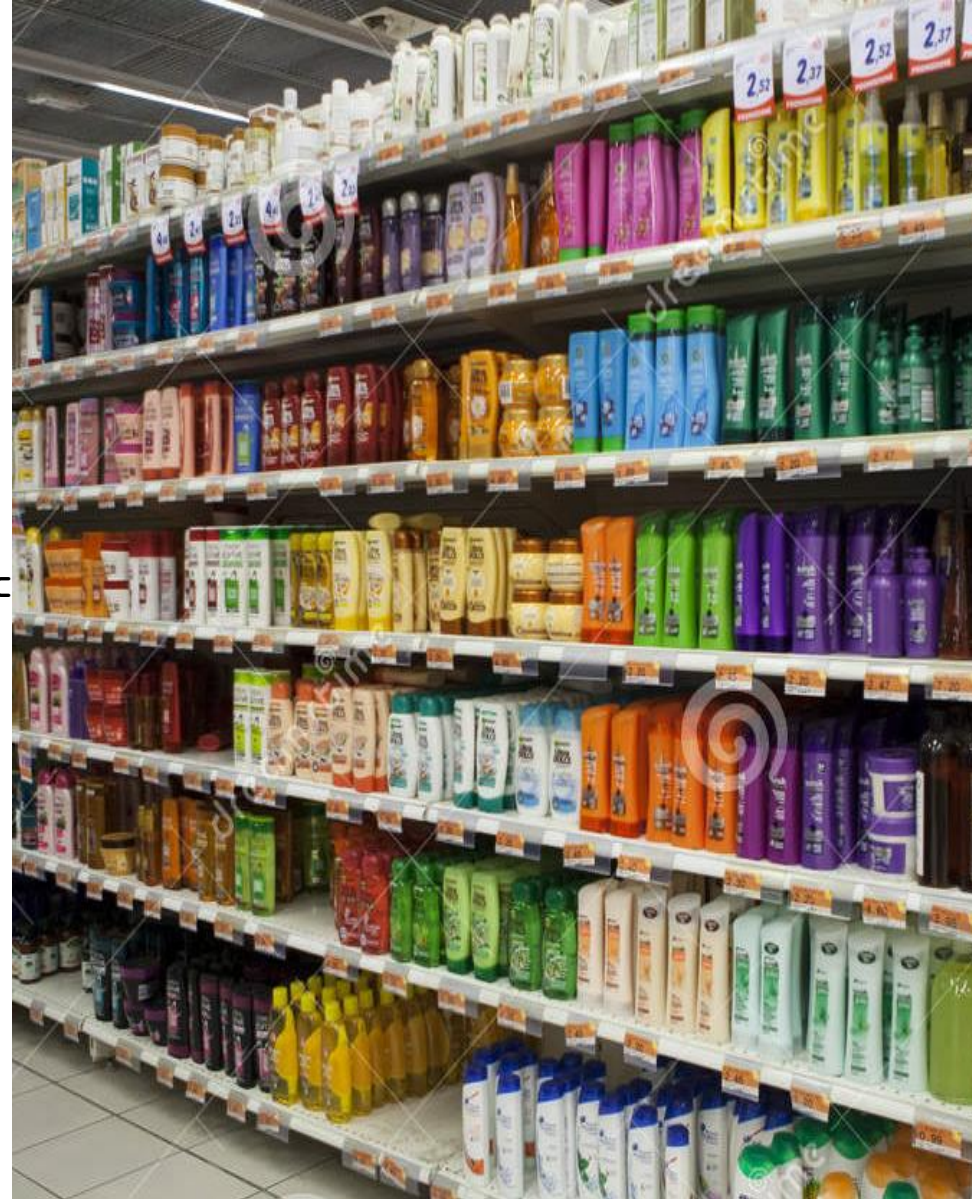


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- Ordinary shampoos

Two times / week ... (higher % surfac







## Frequent use shampoos ( Daily shampoo)

Every day use (specific life style) ... (lower % surfactants )



## *Volumizing shampoos*



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## DRY shampoos





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Dandruff

# Conditioners

## Goal

- Sebum Like Action.

# Conditioners types

Rinse off

Instant  
Conditioner



Deep  
Conditioner



Leave In





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# Hair styling

Personal grooming and fast

## *Styling Products :*

- Hair Sprays
- Hair Mousses
- Hair Gels
- Hair wax
- Hair Pomades





## Hair Sprays

## Hair Mousses



**Hair spray**  
(finishing product)

**Hair mousse**  
(during hair styling)

**WOMEN**  
**Products**

# GELS



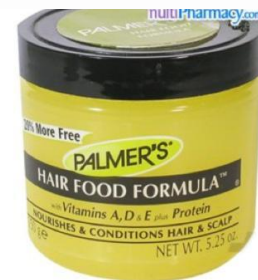
**Hair Gels**  
**(MEN products)**  
**(during hair styling)**

# POMADES

- Pomades designed to straighten, moisturizing & add shine to kinky hair
- Pomades contain petrolatum, wax & lanolin

**Managing  
Kinky Hair**





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**Combing & brushing**

# Combing & Brushing

- For grooming .
- with hair drying.
- Part of the styling process .





Hair Care

# HAIR BRUSHES



# Benefits of using a brush

- Massaging the scalp.
- Stimulating sebum release (natural hair conditioner) & distribute it.
- Cleaning & removing any dirt on the scalp or hair.



# Paddle hair brush

For brushing long hair .

straight styles.

No volume to hair.



# Cushion Brushes

Counteract pressure to slide without tearing.

prevent breakage and damage.

For medium-long to long hair .



# Thermal Brush

with an electric hair dryer.

Barrel is made of aluminum or ceramic to hold heat better than plastic or wood.

control styling and quick drying.



# Flat Thermal Brush

Stretch out the hair.

Create a flat, smooth look.

Acts like a flat iron, which smoothness and straightens your hair without any kind of bend.





# Round Thermal Brush

The same as normal round brush but its barrel is covered with metal or ceramic plate .

Can add volume to straight hair, or straighten curly hair.

Sizes are various but smaller than normal round brushes.





# Vented Round Brush

Holes allow the hot air to pass through the brush rather than concentrating on the brush base to prevent hair damage.



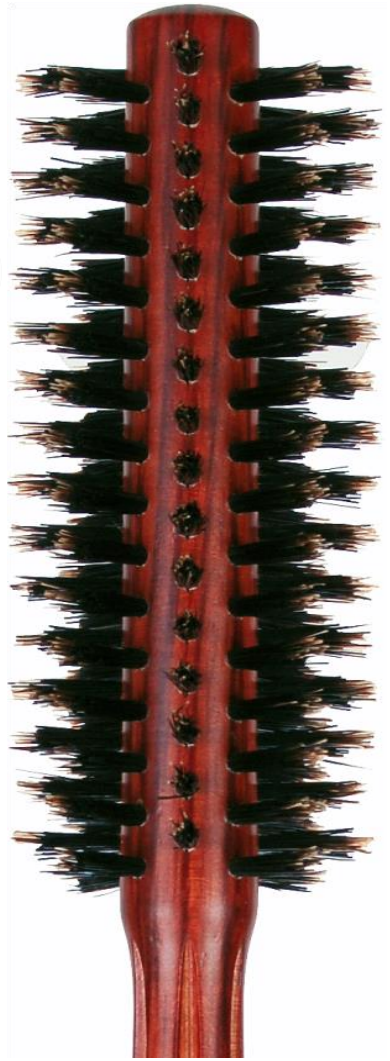
# Round Brushes

Add curve and volume to straight hair .

Straighten wavy or curly hair.

Available in different sizes which give different styles with different hair length







**Sharp Edged Tips**



**Balled Rounded tips**



**Balled Rounded tips**



**Tips Of Hair Brush Bristles**



Hair Care

# COMBS



# Combs

1. Detangle and separate.
2. Groom and create the style.



# Extra wide comb & hair pick

detangling wet or dry hair and perfectly as a shower comb so preventing hair breakage.



# Fine tooth comb

Teeth are very close together.

Brings hair strands very close together.

There are various degrees of spacing for "fine" teeth.

If hair is very thick or curly, it should only be used after using an extra wide or wide tooth comb.





# Tail comb

For parting and sectioning







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H. Loss

Dandruff

Lice

## Hair Treatments



# HAIR COLORANTS



# Hair Coloring

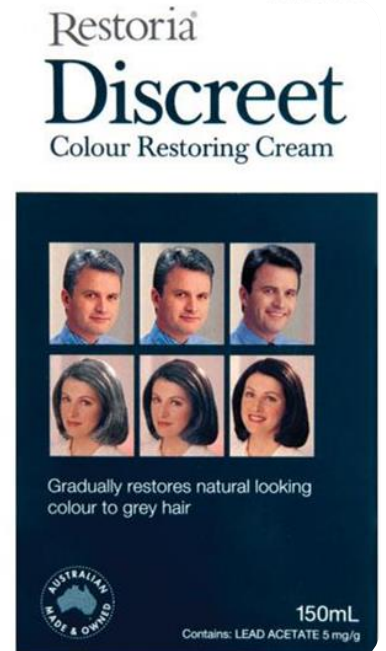
- Is a technique used by both men and women for:
  - Covering white hair.
  - Wanting a different color from the natural hair color.
  - Or enhance the natural color.

# Types of Hair Colorants

- They are classified into:
  - Gradual
  - Temporary
  - Semi-permanent
  - Oxidative dyes (Demipermanent and Permanent)

# Gradual Hair Colorants

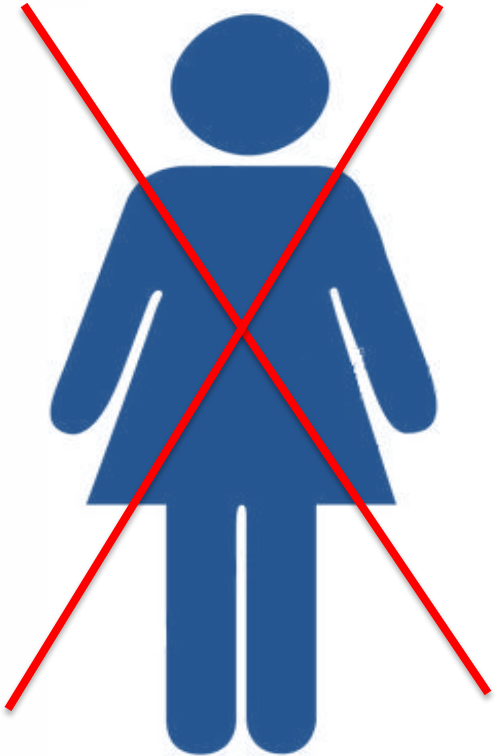
- require repeated application to result in gradual darkening of the hair
  - from white → light brown  
→ black
- over a period of weeks



- Work by depositing metal salt eg ( lead ,bismuth).



# Gradual Hair Colorants



- Color change needs a period of weeks.
- Poor color quality, stiff, brittle, and dull hair may result.
- Lightening is not possible

- . Men like gradual effect.
- Men also tend to cut their hair frequently so they get rid of damaged hair.



# Temporary hair colorants

- Removed in one shampooing.
- They do not damage the hair shaft.

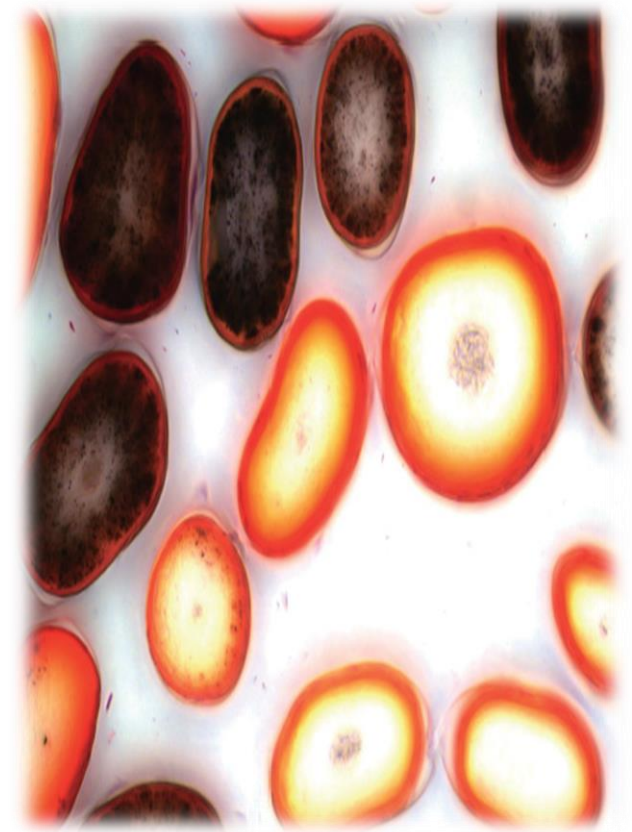


# Semipermanent Hair Colorants

- Retained in the hair shaft by weak polar and Van der Waals attractive forces, thus **lasting through 6–10 shampoos**.
- *tone-on-tone* not dyeing.

EX. Vegetable dyes

- Henna





# Semipermanent Hair Colorants

- **Can't lighten hair** since they do not contain hydrogen peroxide.
- **Can't darken** hair more than three shades.
- Customers with **less than 30%** gray hair who want to restore their natural color.
- If **more than 40 %** gray hair, oxidative dyeing better.

# Application of Henna

1. Powder is mixed with hot water to make a paste.
2. The paste is placed on the head for several hours to produce the color.
3. Then washed.





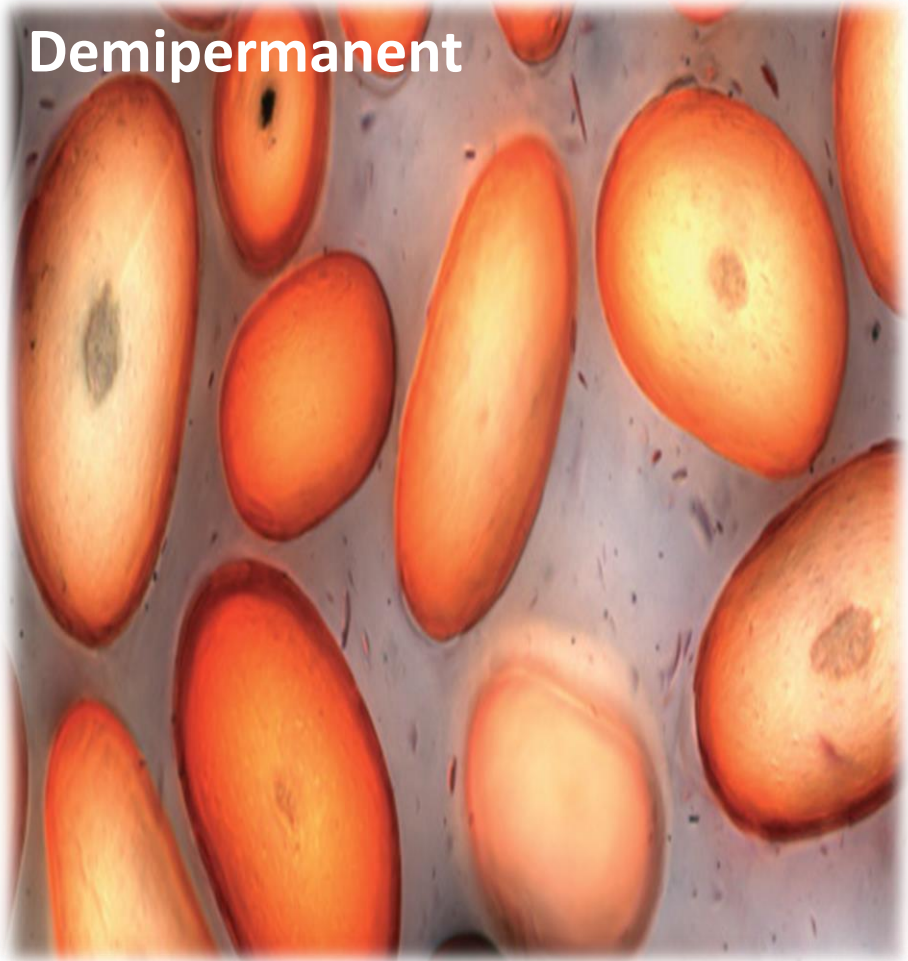
# Oxidative Hair Colorants

- They include:
  - Demipermanent dyes
  - Permanent dyes
- the most popular hair colorants due to:
  - wide color variety
  - Ability to both lighten and darken hair
  - Lasting effect

**Permanent**



**Demipermanent**



## **Lasting Effect of Oxidative Dyes**

Their long lasting effect is because that the dye molecule penetrates the hair shaft to the cortex and forms large color molecules that cannot be removed by few numbers of shampooing



## Chemistry of Oxidation Hair Colorants

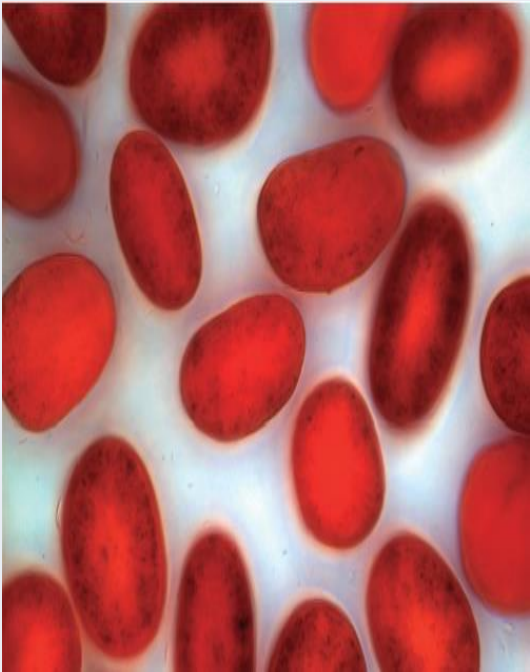
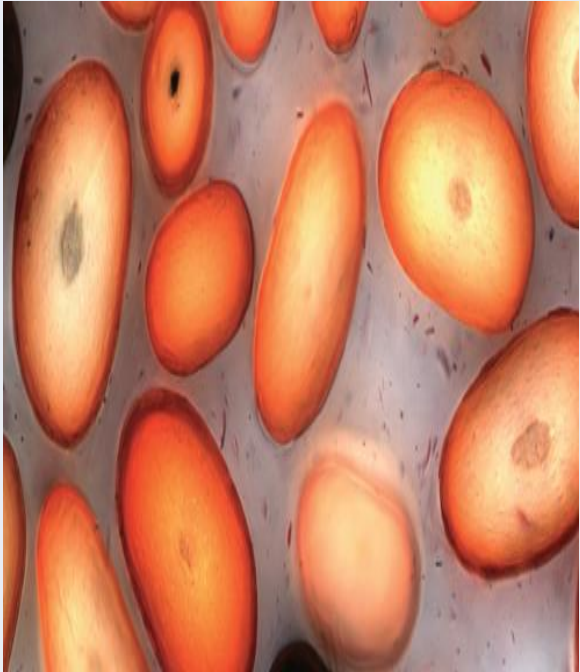
# Role of alkalizing agent

- Increase the porosity of cuticle.
- Act as catalyst for  $H_2O_2$ .

Rate of bleaching increases with increasing pH.

- Ammonia
- Primary amine
- Secondary amine
- Tertiary amine



	Permanent	Demi-permanent
<b>Oxidizing Agent (H2O2)</b>	Up to 6%	Up to 2%
<b>Alkalizing agent</b>	High strength Ammonia	Low strength (Ammonia free)Ex: monoethanolamine
<b>Dye penetration</b>	Complete penetration across the cortex	Less efficient (Ring dye effect)
		
<b>Color is washed out after ...</b>	Up to more than 50 shampooing	In around 25 shampooing



# Demipermanent Dye



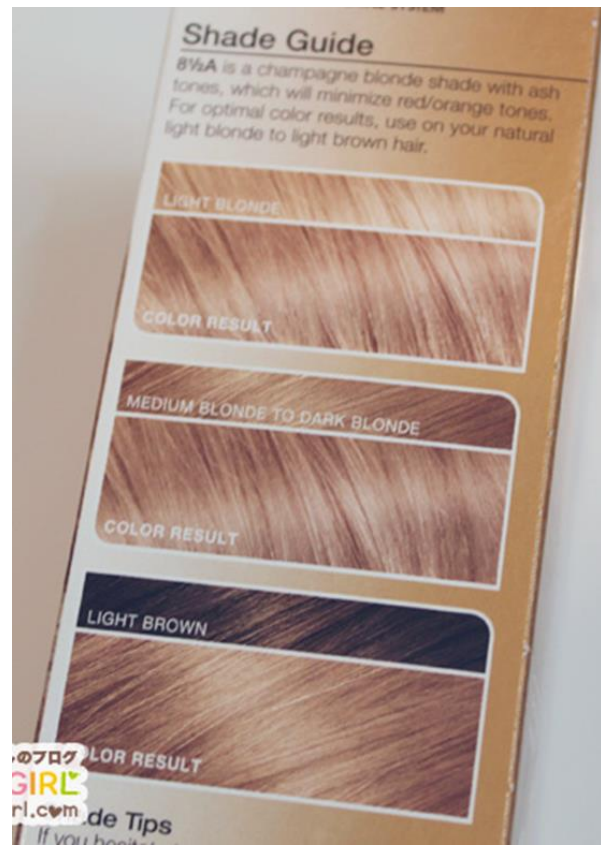
Ammonia free

# Permanent dye





# Color guide



# Home Use Kit



- Two bottles containing colorless liquid.
  - Dye precursors in an alkaline soap or synthetic detergent base.
  - Stabilized solution of hydrogen peroxide.
- Neutralizing shampoo or conditioner packaged in a sachet.
- Vinyl gloves.
- Instructions leaflet.

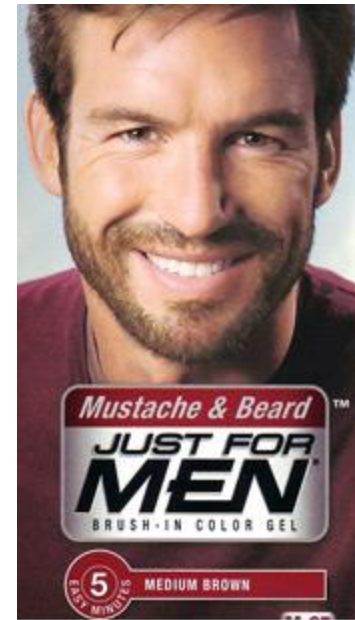
# Application Instructions



- stick strictly to instructions.
- **Applied** to **dry unwashed hair** since sebum minimizes scalp irritation.
- The dye is left in contact with the hair for **25–40** minutes, depending on the color selected and whether the hair has been previously chemically treated.



# Men hair dye



Hair Care

# **LIGHTENING & BLEACHING**



# Benefits of Bleaching

- To prepare hair for the application of a dye of a shade lighter



Lightening Level and color	Bleaching power <sup>‡</sup>		
	Medium	Strong	Powerful
1. Black			
2. Brown			
3. Dark chestnut			
4. Chestnut			
5. Light chestnut			
6. Dark blond			
7. Blond			
8. Light blond			
9. Very light blond			
10. Light, light blond			

2 tones

4 tones

6 tones

<sup>‡</sup>Starting from level no. 4.

## Bleaching



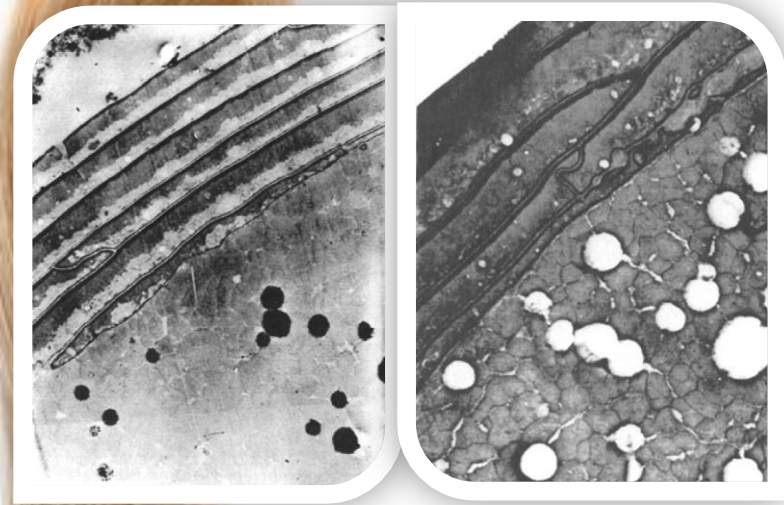
**Wella**

**BLONDOR**  
LIGHTENING POWDER

Ölversetztes,  
staubfreies  
Blondierpulver

Oil-mixed,  
dust-free bleaching powder

Póvo decolorante mezclado  
con aceite sin emisión de polvo



# Bleaching Creams

## For body & face hair

- ✓ This is another method of dealing with the problem of excess hair.
- ✓ The hair is still there, but is less obvious and almost invisible.



# Bleaching Creams for face & body



- Generally contain ammonia and sometimes other alkaline agents.
- Mixed just before use with hydrogen peroxide solution. (oxidizing agent)
- The cream form can be applied locally with more



# Customer Education

- Minimize shampooing to prolong the life of the hair dye (**use shampoo for colored hair**)
- Hair dye & chemical relaxer must be applied to dry unwashed hair.
- Ammonia free hair dye more safe & less irritant than permanent hair dye...so it is better if the gray hair less than 30% to use it.

# Customer Education

- If both hair chemical relaxer & hair dyeing are to be performed  
(first hair chemical relaxer then hair dyeing)  
**(allow 10 days between hair chemical relaxer&hair dyeing)**
- Bleaching is more damaging than dyeing.
- What about hair root dyeing.

# What is difference



henna



# What is difference





# What is difference





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## Hair conditions

H. Damaging

H. Loss

Dandruff

Lice

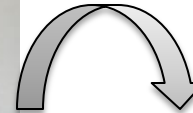


# Hair straighteners & Relaxing

- 1 – Chemical (lye relaxer-no lye relaxer)
- 2 – Heat or steam straighteners.
- 3 – keratin

# Curly Hair

The naturally curly hair has more disulfide and hydrogen bonds than the straight hair.

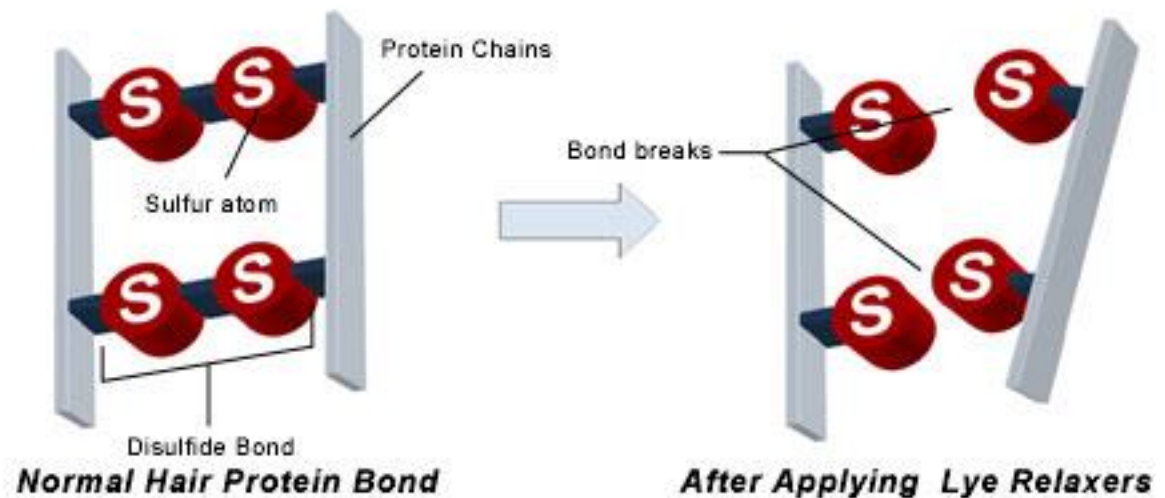


**More H-bond**  
**More disulfide bond**



# Chemical relaxers

- Chemical relaxers is reducing reaction
- The reducing agent break down the disulphide bond



# Chemical relaxers

- **Lye relaxer:** Sodium hydroxide straighteners not used nowadays (high PH)

- **Guanidine hyroxid:**

less damage for hair as it has lower PH than lye relaxer & less irritant to the scalp



- **Thioglycolates**

(more damage for hair-chemical burn can also occur)



# Thermal Hair straighteners

CE



Thermal hair straighteners







# Hair Dryer

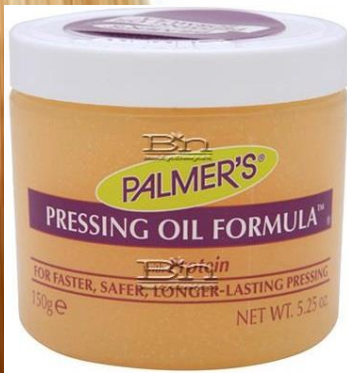
CE

WATT



# Accessories Used With The Hair Dryer

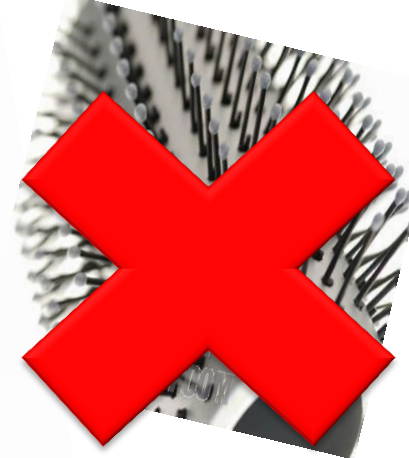
- Brush or a wide-teethed comb
- Round brushes
- Hair styling products that are suitable to be used with hair dryers
- Hair mousse



Vented round brush



Thermal round brush



# LISSE DESIGN Keratin Therapy

FORMALDEHYDE  
**FREE**



# Keratin Therapy





# Keratin Therapy

shampoo & hair products

## NASHI ARGAN products





# Keratin Therapy

shampoo & hair products



Frizz OFF™  
Lee Stafford

# Keratin Therapy

shampoo & hair products



LISS DESIGN  
Keratin shampoo & CONDITIONER



Every strand  
Keratin shampoo



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## Hair conditions

**H. Damaging**

**H. Loss**

**Dandruff**

**Lice**





# Damaged Hair

- Damaged hair due to damage of hair cuticles.
- Damaged hair is dry and brittle.

## Causes of damaged hair :

### ☐ External factors :

- shampoo misuse.
- Dyeing & bleaching misuse.
- straightening misuse . (chemical or thermal)
- Brush & comb misuse & poor choice
- Sun
- Hard water .....

### ☐ Internal factors:

- Anemia, vitamins deficiency, poor diet,
- Pregnancy, lactation,
- Stress, insomnia.

# Damaged Hair



# Damaged Hair





# Damaged Hair

Wide tooth comb

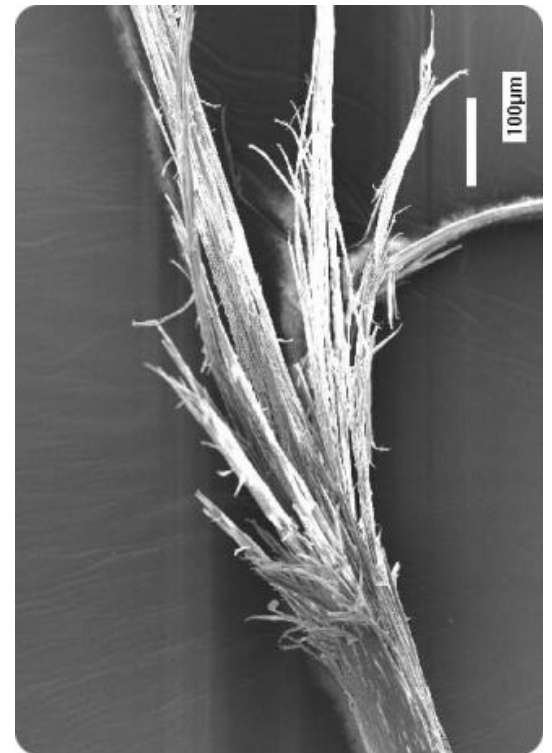
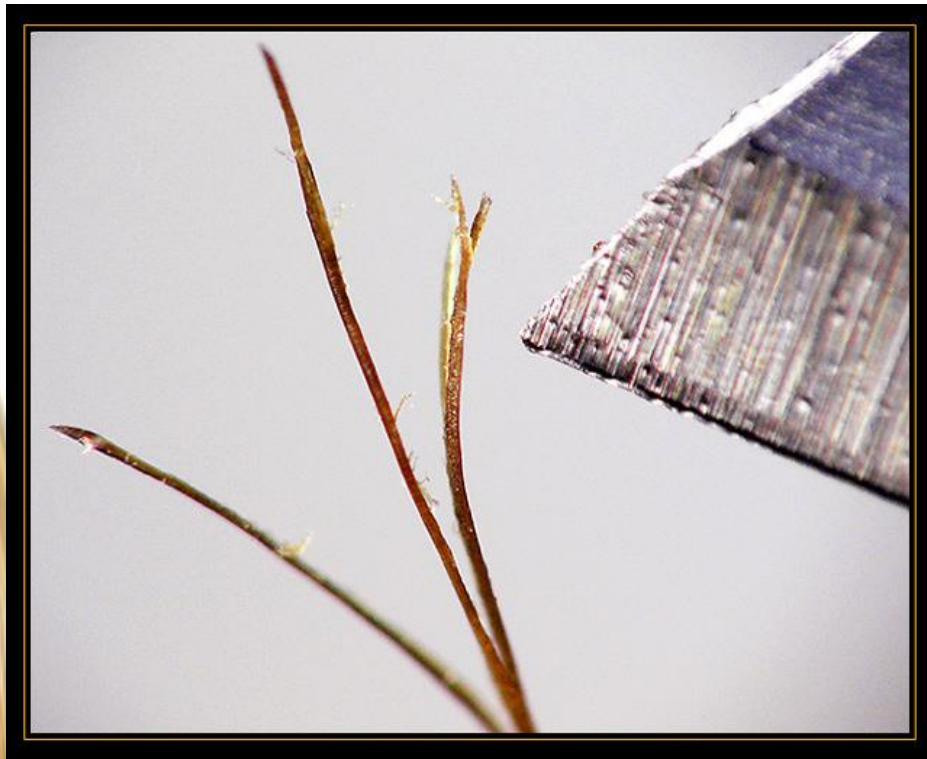
Balled rounded tips





# Split hair ends

Split ends due to damage of cuticle at the end of the hair ,especially dry hair



# Split hair ends



Wide tooth comb



fine tooth comb





Lee Stafford  
MoRaccoo ARGAN varieties



## Vichy Dercos Nutri-Repair





# NASHI ARGAN products





# Foltène

## Hair-loss shampoo

Low levels of sodium chloride



## Hair conditions

**H. Damaging**

**H. Loss**

**Dandruff**

**Lice**



# Hair Growth Cycle

## 1-Anagen phase

growth phase (2-6 years )

## 2-Catagen phase

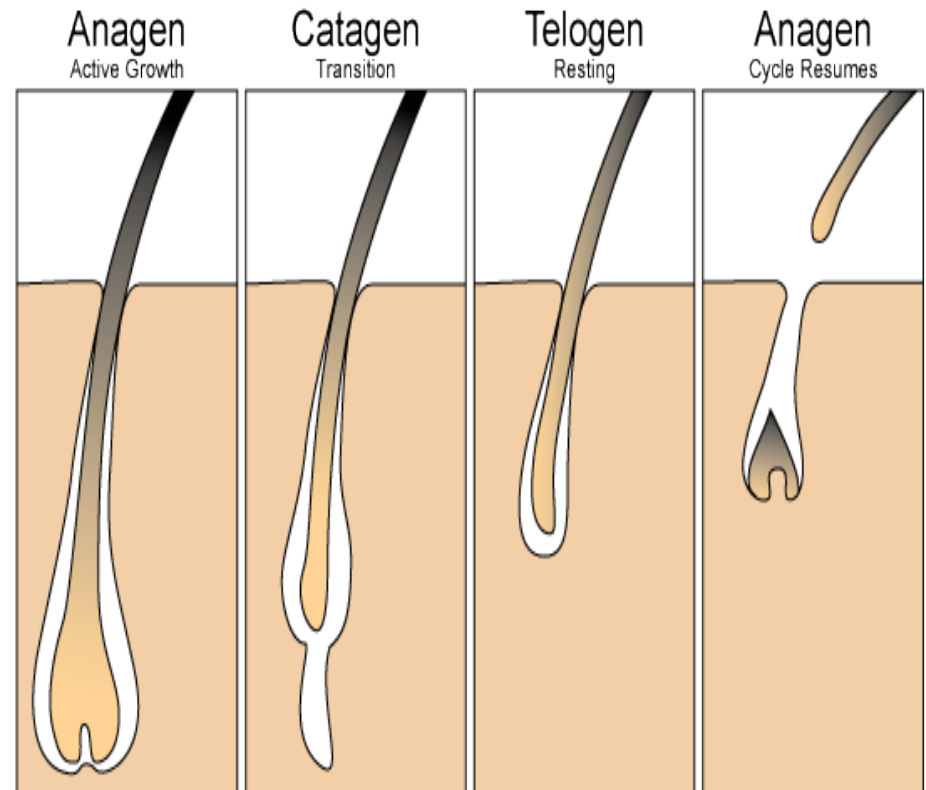
transitional phase (1-2 weeks)

- 1- The hair growth slows
- 2- The hair follicle shrinks

## 3-Telogen phase

Resting phase ( 2-4 month)

- 1-The hair growth stops
- 2-Old hair detaches from the hair follicle
- 3-New hair begins the growth phase





# Alopecia

HAIR LOSS = ALOPECIA

# Alopecia

```
graph TD; Alopecia --> Alopecia_Areata; Alopecia --> Androgenetic_Al; Alopecia --> Telogen_Effluvium; Alopecia --> Other_Types; Alopecia_Areata --> Alopecia_Totalis; Alopecia_Areata --> Alopecia_Universalis; Alopecia_Areata --> Alopecia-Barbae; Androgenetic_Al --> MPHL; Androgenetic_Al --> FPHL; Other_Types --> Trichotillomania; Other_Types --> Tractional_Alopecia; Other_Types --> Anagen_Effluvium;
```

## Alopecia Areata

ALOPECIA TOTALIS

ALOPECIA  
UNIVERSALIS

ALOPECIA BARBAE

## Androgenetic Al.

MPHL

FPHL

## Telogen Effluvium

## Other Types

TRICHOTILLOMANIA

TRACTIONAL  
ALOPECIA

ANAGEN EFFLUVIUM

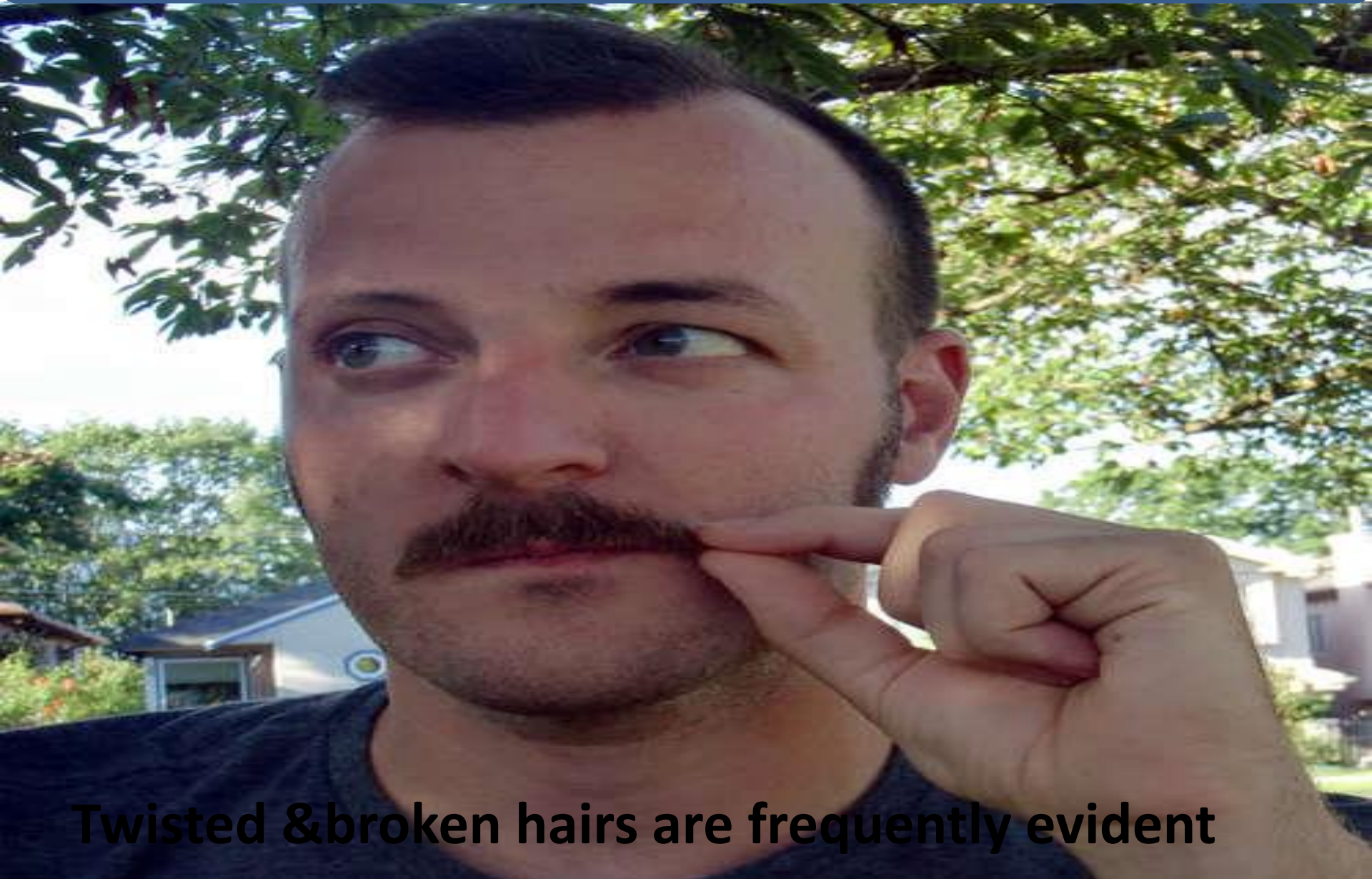
# *Traction alopecia*



**Twisted & broken hairs are frequently evident**



# *Trichotillomania*

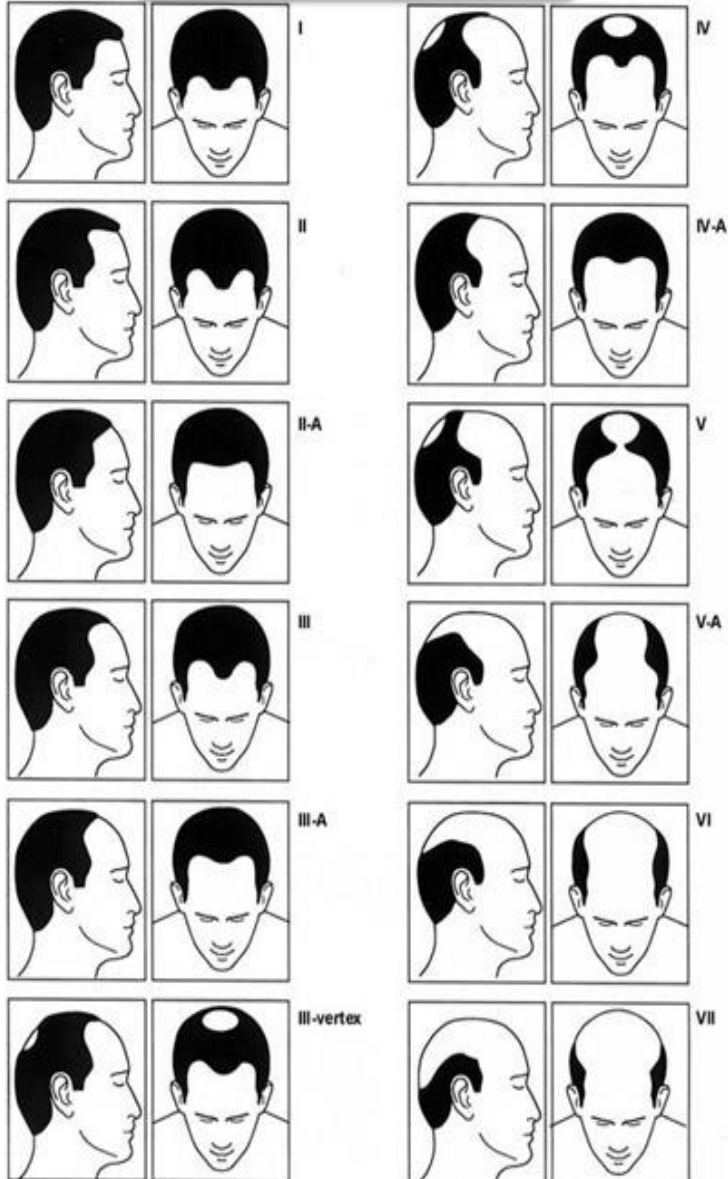


**Twisted & broken hairs are frequently evident**

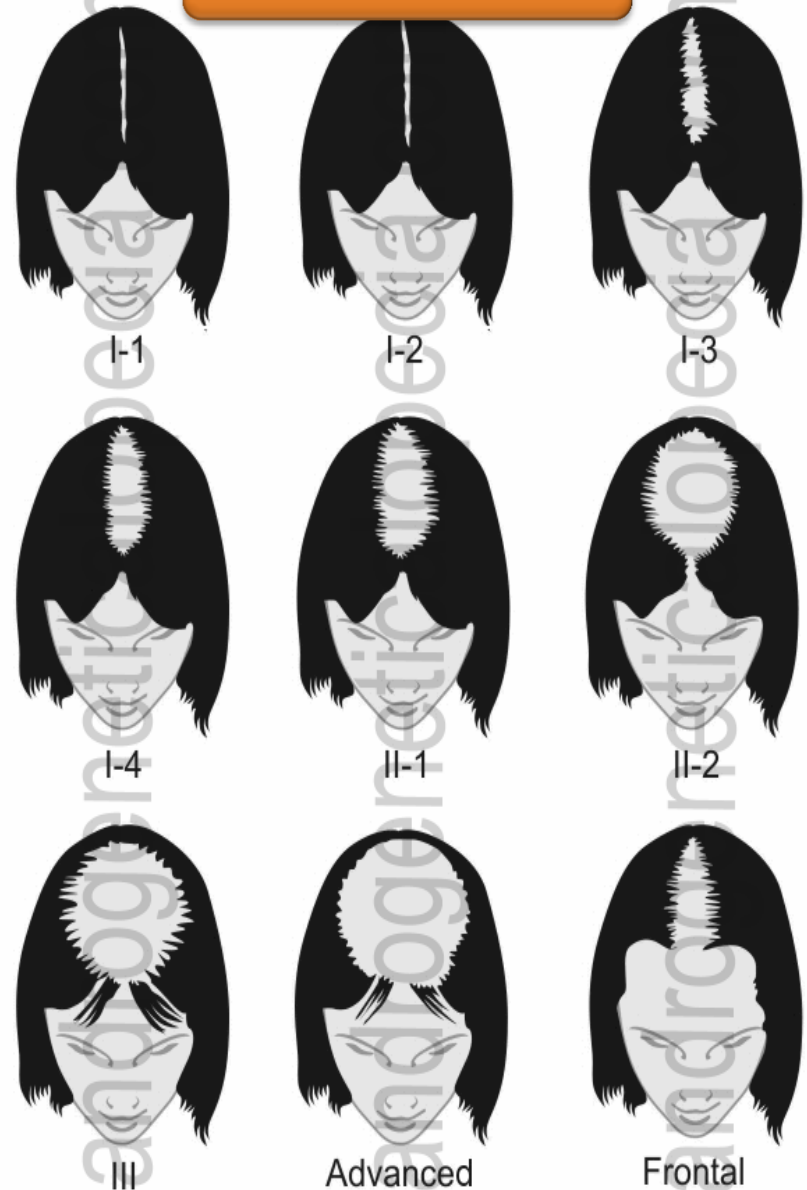


# Androgenetic Alopecia

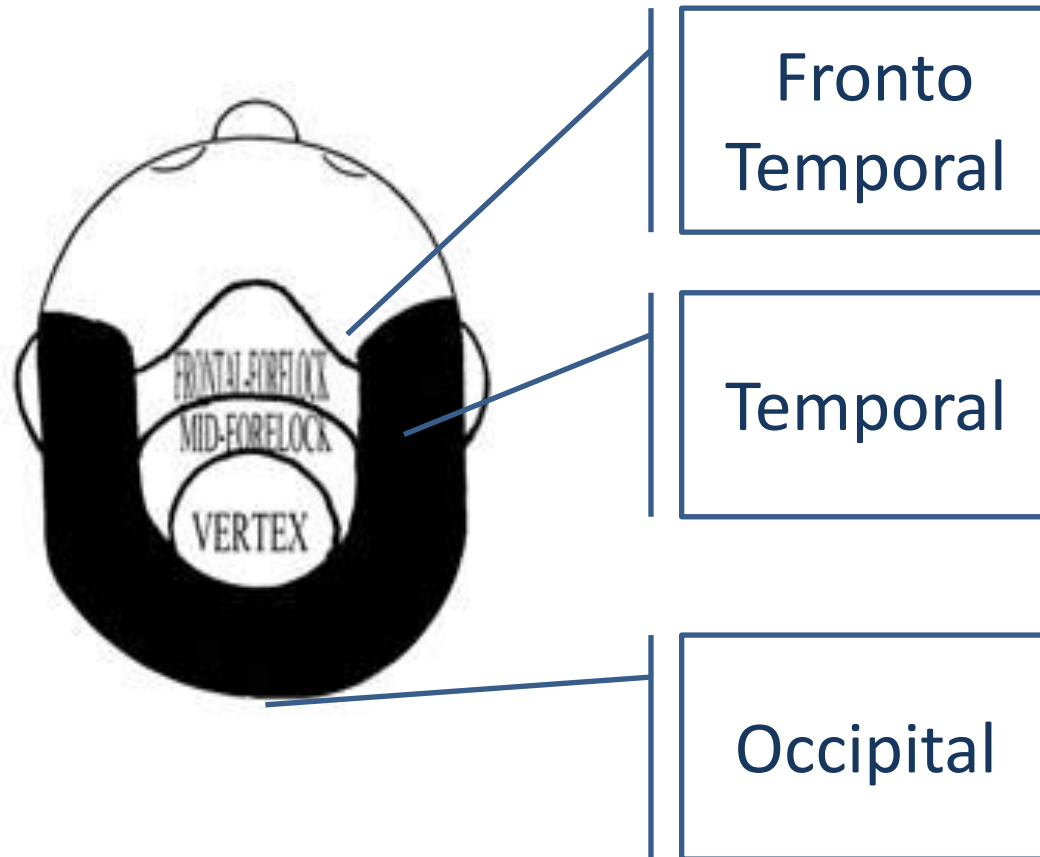
## MPHL



## FPHL



# Androgenetic Alopecia



# Androgenetic Alopecia

- Commonly affecting both **men and women**.  
The incidence is generally considered to be greater in **males than females**.
- The incidence of Androgenetic alopecia increases greatly in women following **menopause**.
- There is **hair thinning**.
- **Gradual** onset.
- **Visible pores**.
- **DHT** levels are high **in balding scalp** compared to non-balding scalp.

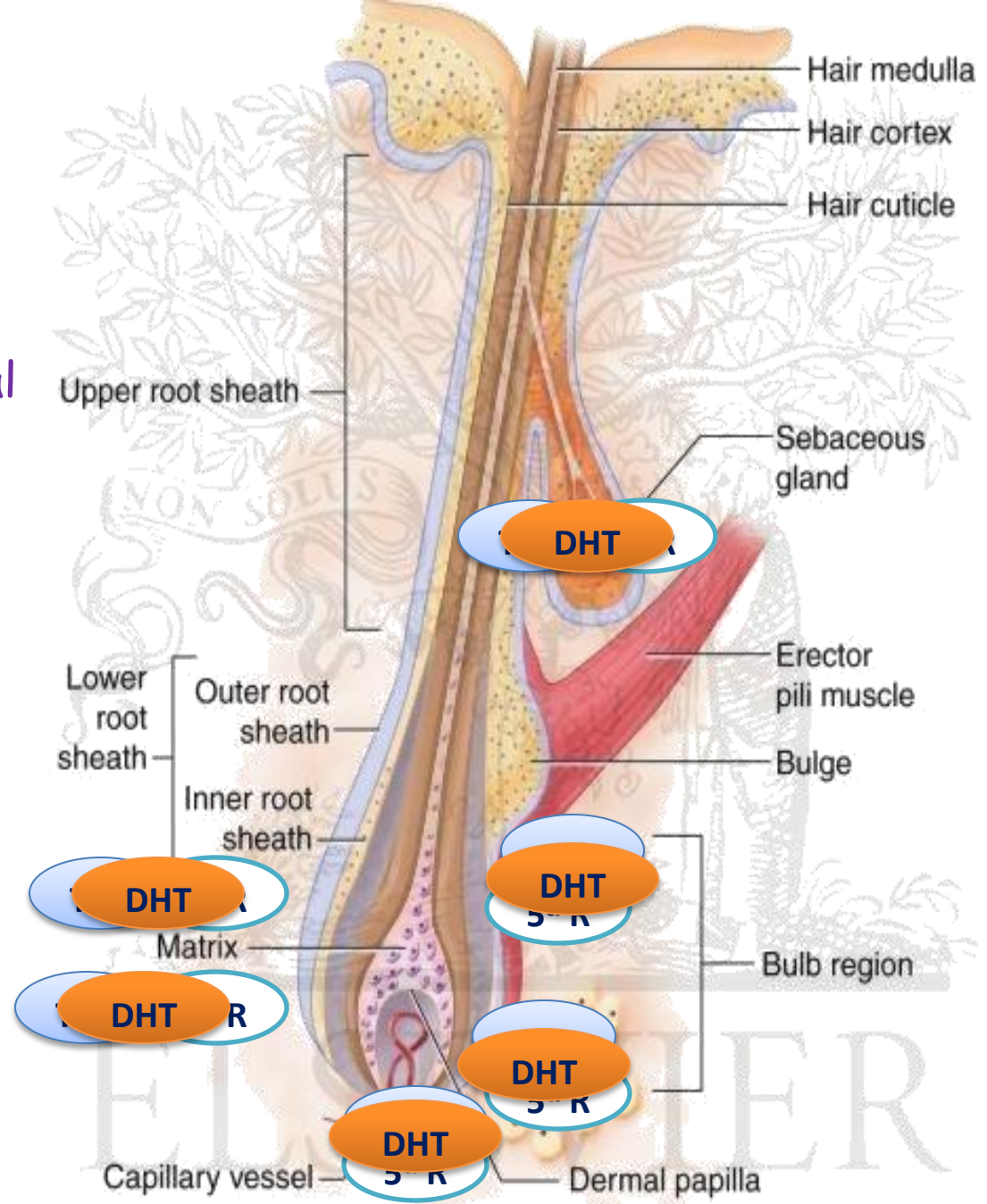
# Hair Structure

## Hair Follicle:

- Bulb: Matrix, Dermal papilla.

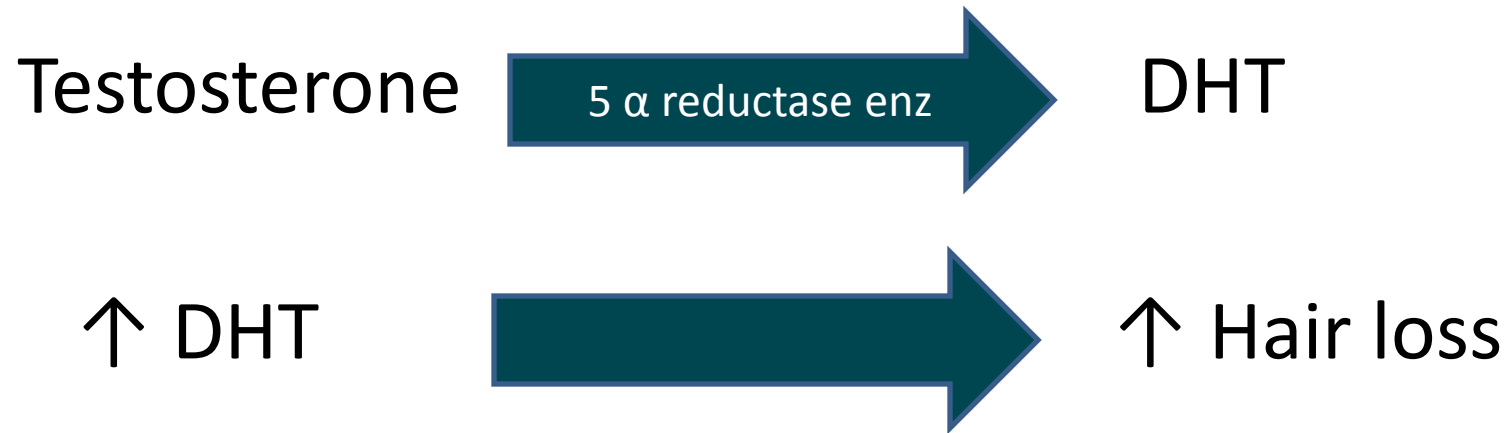
## Hair Shaft:

- Cuticle
- Cortex
- Medulla





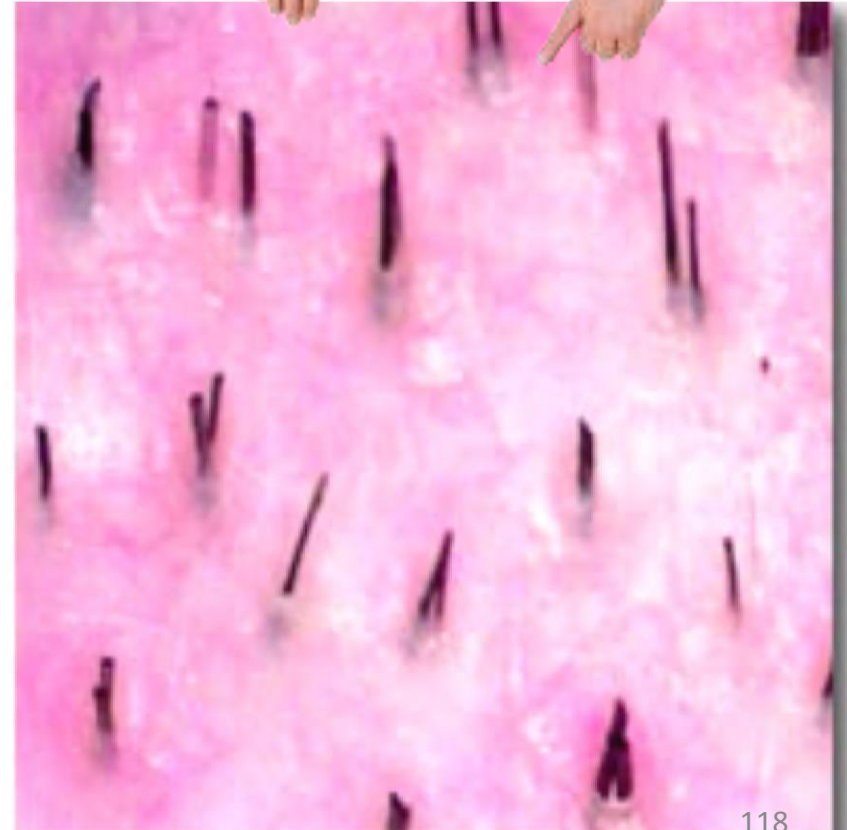
# Androgenetic Alopecia



- The **total androgen receptor** content is **40% more in men** than in women
- **Men** have **3.0–3.5 times more 5α-reductase** than women and this may explain why female androgenetic alopecia is usually less severe than male AGA.

# Androgenetic alopecia pathophysiology

There is **gradual** conversion of terminal hairs to vellus hairs. (thinning of hair)



# Androgenetic alopecia treatment

- ❑ Androgenetic alopecia treatment are most effective when **start early**



**MINOXIDIL**

**FDA APPROVED**



- ❑ Should be used with caution in patients with cardiovascular disease
- ❑ **Minoxidil** should not be used by pregnant or nursing women..



A close-up photograph of a person's ear and the surrounding scalp area. The skin is light brown. There is a noticeable increase in the number and thickness of hairs on the scalp, particularly around the ear, which is a side effect of minoxidil use. The text "MINOXIDIL is Scalp lotion not hair product" is overlaid in yellow.

*MINOXIDIL* is Scalp lotion not  
hair product

**Minoxidil hypertrichosis**



# Androgenetic alopecia treatment



## TTT phase :

Apply **7 sprays** to the scalp morning & **7 spray** night daily for **one month**

## Maintenance phase :

Apply **7 sprays** to the scalp at morning & **7 spray** to the scalp at night  
**3 times per week**  
for **3 months**

morning spray contain **Sabal** extract **5 alpha Reductase Inhibitor**

# Androgenetic Alopecia treatment

## ELU LIPACID HAIR TONIC

- Contain minerals, vitamines, biotine

+ White Lupin Extarct

**5 alpha Reductase Inhibitor** Results in Reduce Sebum Production & decrease hair loss

### How to use

Once daily for one month then three times per weak for two months



# Androgenetic Alopecia treatment

## NUTRIGROW

**5 alpha Reductase Inhibitor**

minerals, vitamins, biotin

**+ Oleonic acid**

**How to use**

4.5 month 1\*2 daily



**Shampoo + 6 serum tube  
= 45 day care**

# Androgenetic Alopecia treatment

## NUTRIGROW

Shampoo + 6 serum tube  
= 45 day care





# Androgenetic Alopecia treatment

## Finasteride (For male)

( propecia 1 mg /day)

It is a 5-alpha reductase inhibitor

(Inhibits conversion of testosterone to DHT)

FDA approved finasteride at a dose of **1 mg/day** for men with androgenetic alopecia.

- **Continuously** .....

physician



# Androgenetic Alopecia treatment

## Androgen antagonists (For female)

- **Spironolactone 200 mg**  
( aldactone)
- **Cyproterone (anti androgen)**  
(androcure)

physician



# Alopecia areata

## Definition :

A condition affecting humans, in which hair is lost from some or all areas of the body, usually from the scalp

## Causes :

No definite cause, it may be :

- hereditary .
- autoimmune .
- emotional stress .

# Alopecia areata

- Patchy.
- Sudden onset.
- May be more than one batch.
- Healthy scalp.
- Healthy hair around the patch.
- Alopecia areata is recurrent.
- No definite age.



# Alopecia areata



# Alopecia Barbae





# Alopecia Totalis



- 100% loss of hair on scalp

# Alopecia Universalis



- 100% loss of hair on scalp and body.



# Alopecia areata treatment

1- counter irritant ( cantharides or capsicum ).

2- Topical corticosteroid .

3- Minoxidil .

# Alopecia areata treatment

1



**Twice daily**

2



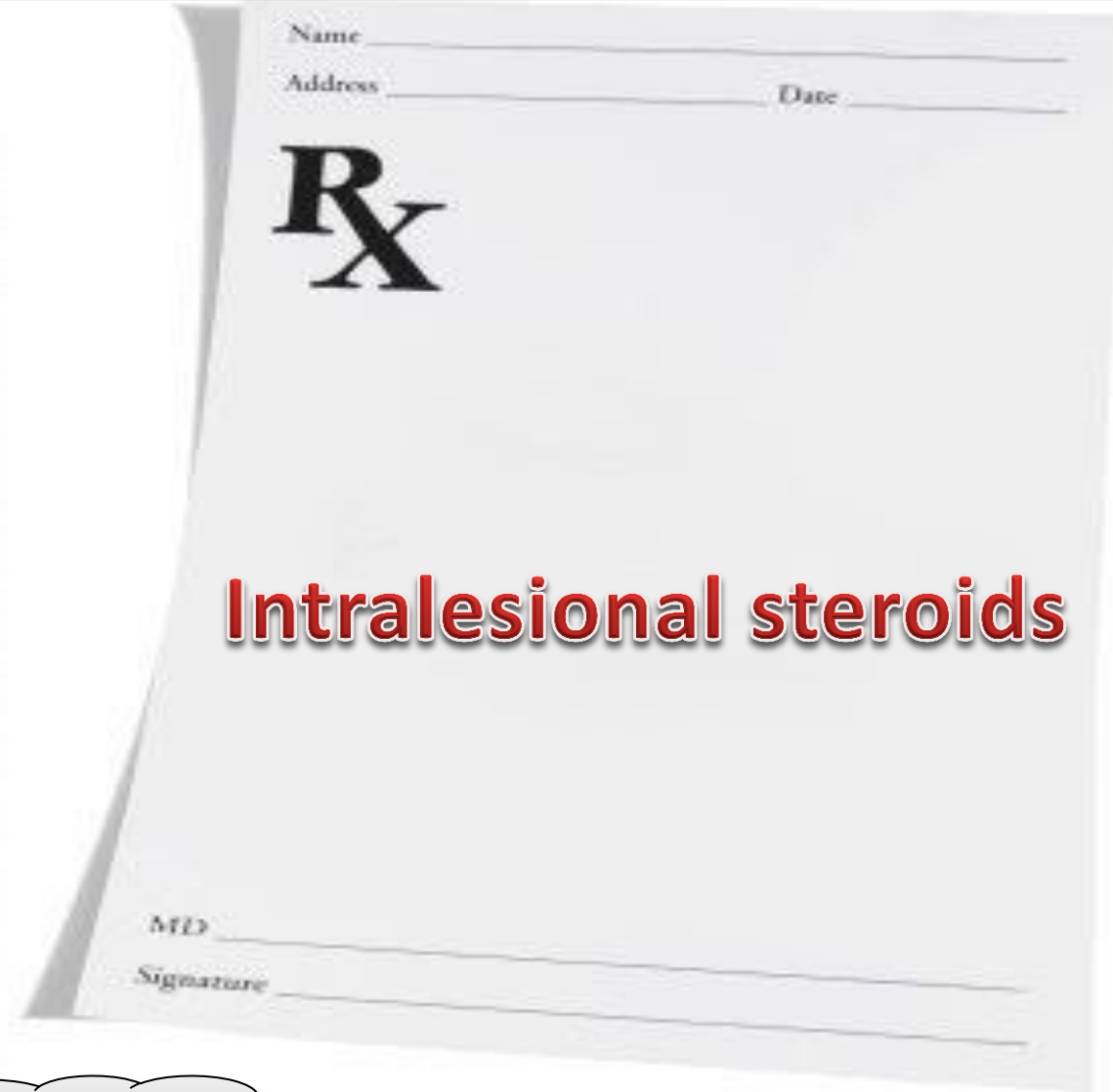
3



# Alopecia areata treatment



physician



# Hair Loss

## Differential Diagnosis

### Cicatricial Alopecia



### Tinea Capitis





# TELOGEN EFFLUVIUM

Normally we loss about  
50 - 100 hairs daily  
which are replaced by  
new hairs .



# TELOGEN EFFLUVIUM

- ❑ Characterized by diffuse hair shedding
- ❑ Hair comes out by roots

**TELOGEN HAIR WITH WHITE BULB**

# TELOGEN EFFLUVIUM

TE may be one of the two types:

- **Acute form,**  
is hair loss less than 6 months.
- **Chronic form,**  
is hair loss more than 6 months.

# TELOGEN EFFLUVIUM

- Anemia and iron deficiency .

(brittle nails-fatigue-pale skin color-shortness of breath-decreased appetite)

- Crash diet(hypo-proteinemia)

- After delivery, lactating

- Hypothyroidism

(weight gain-cold intolerance-skin dryness)

- Stress

- Contraceptive pills.

- Some drugs ( Warfarin – Beta blockers – Allopurinol, ....ETC



# LABORATORY TESTS



Large amounts of zinc in supplements ( $> 25$  mg/day) may affect iron absorption adversely.

# TELOGEN EFFLUVIUM TREATMENT

TTT of the cause

- Anti-hair loss shampoo
- Cosmeceuticals
- Iron supplements
- Dietary supplements

# TELOGEN EFFLUVIUM TREATMENT

## *Anti-hair loss shampoo*



# TELOGEN EFFLUVIUM TREATMENT

- 10 sprays 3 times /week  
For 2 months  
**acute hair loss**



- 12 spray at night – 3 months  
women  
**Chronic hair loss**





# TELOGEN EFFLUVIUM TREATMENT



One amp daily for 6 weeks  
then 3 times a weekly



One amp daily for 3 months



# TELOGEN EFFLUVIUM TREATMENT



**Melatonin – Ginko biloba - Biotin**

Daily at bed time – 3 months

# TELOGEN EFFIUVIUM TREATMENT



1<sup>st</sup> & 2<sup>nd</sup> months ( TTT ) : 1 bottle every alternate days ... after Folten shampoo

3<sup>rd</sup> month (maintenance ) : 2 bottles per week ... after Folten shampoo



# TELOGEN EFFIUVIUM TREATMENT



1<sup>st</sup> & 2<sup>nd</sup> months ( TTT ) : 1 bottle every alternate days ... after Folten shampoo

3<sup>rd</sup> month (maintenance ) : 2 bottles per week ... after Folten shampoo



# TELOGEN EFFLUVIUM TREATMENT

## Elu lipacid



# TELOGEN EFFLUVIUM TREATMENT

## *Iron & Dietary supplements*



Millet extract – Wheat germ oil – Cystine - Vit B5

Two tab daily



Once daily  
Iron – biotin – zinc

Biotin strengthens the hair roots



Once daily  
24 mg Zinc

## Eyelash & Eyebrow Treatment

Make-up, pollution, sun, stress, drastic diets, affect keratin, making eyelashes fragile and weak.

**Foltene** developed a real strengthening and restructuring eyelash treatment.

### Directions for use

Apply twice .

From the root to the ends, after removal of makeup.



## Eyelash & Eyebrow Treatment



Before Use



At 8 Weeks









## Hair conditions

**H. Damaging**

**H. Loss**

**Dandruff**

**Lice**



# DANDRUFF

What is dandruff

- Is it bacterial or fungal infection
- Is it contagious معدي
- Related to certain age
- Where can be seen
- Curable or controllable



# DANDRUFF

- Etiology:
  - Unknown.....
- Pathogenesis:
  - Faster cell proliferation.
  - Hyper seborrhea .
  - Yeast Proliferation.





# DANDRUFF : common triggers

- Sweating.
- Poor hygiene.  
(Infrequent shampooing.)
- Weather.
- Stress.



# DANDRUFF

## Types of Dandruff

Dry Dandruff

Oily Dandruff

Flaky Itchy Dandruff

Milk Crust

Eyelid Dandruff



# Dandruff



**Dry Dandruff**



# Dandruff



Oily Dandruff



# Dandruff



**FLAKY DANDRUFF**

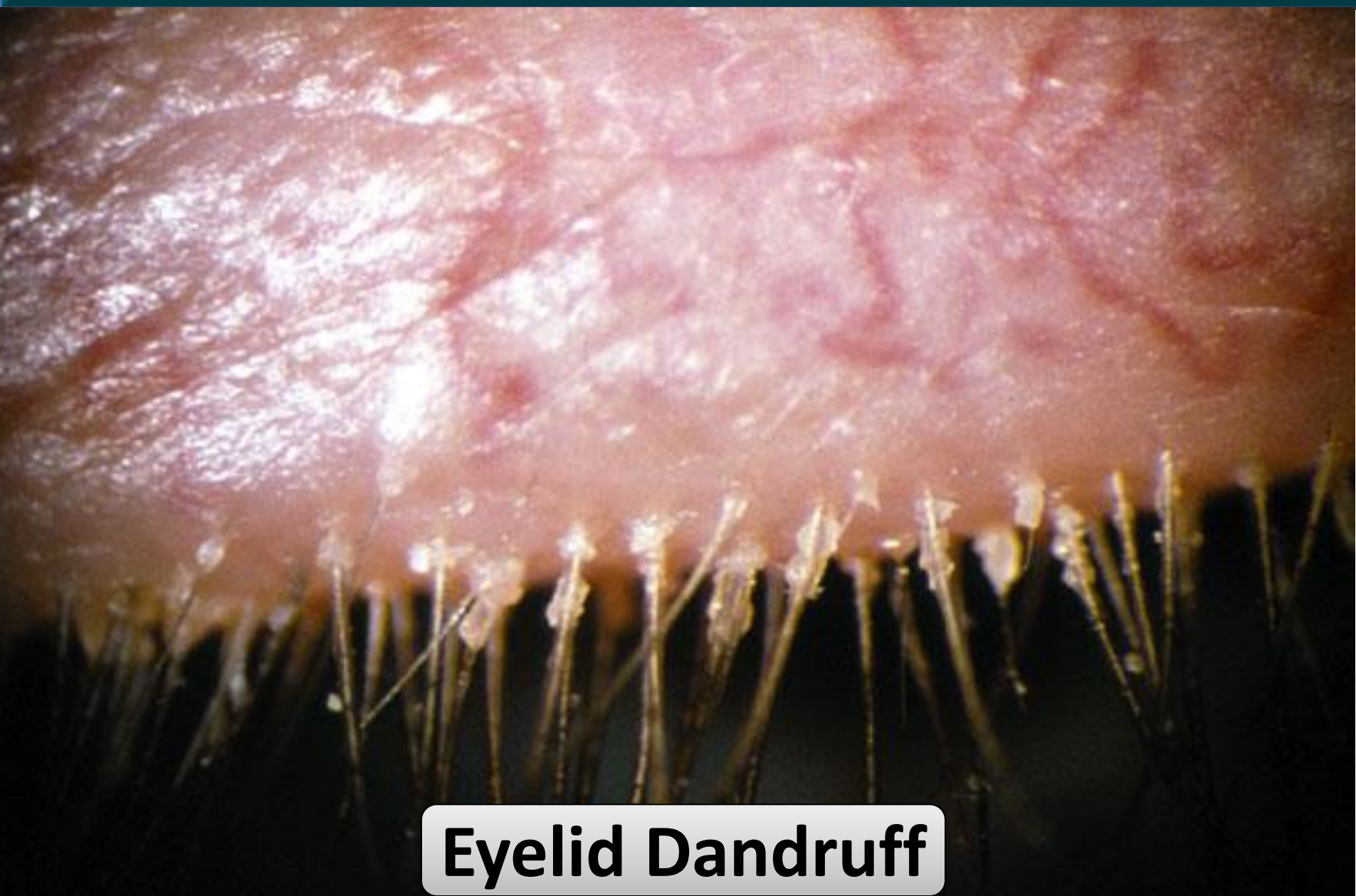
# Dandruff



**Milk Crust(Cradle cap)**



# Dandruff



**Eyelid Dandruff**

# Dandruff treatment

## Topical Antifungal

ketoconazole, Ciclopiroxolamine  
& piroctone olamine

## Anti proliferative

- Coal tar, Ichtyol (bitumen derivatives)
- zinc pyrithione & selenium sulfide

## Keratolytic agent

Salicylic acid & glycolic acid

## seboregulator

In case of oily dandruff,  
eg. Sabal, glycolic acid, Oleanolic acid,  
Lubin ext. , Saw palmetto, L-Carnitine

## Topical Corticosteroid

In case of itchy dandruff



# Dandruff treatment

## DANDRUFF TTT: PRODUCT KNOWLEDGE



### Squanorm shampoo

- Selenium disulphide
- Ichthyol

### Kelual DS shampoo

- Keluamid®
- Zinc pyrithione
- Ciclopiroxolamine

### Kertyol PSO shampoo

- Kertyol ( Ichtyol + Crotamiton)
- Salicylic acid
- Glycolic acid

# Dandruff treatment

## DANDRUFF TTT: PRODUCT KNOWLEDGE



### STIEPROX SHAMPOO

- Ciclo piroxolamine



### IONIL- T shampoo

- Salicylic acid
- Tar

# Dandruff treatment

## DANDRUFF TTT: PRODUCT KNOWLEDGE

- Antifungal : **Piroctone Olamine**
- ant proliferative : **Cade oil**
- Anti-inflammatory

TTT : twice a day

Control : once a day



**URIAGE DS LOTION**

# Dandruff treatment

## DANDRUFF TTT: PRODUCT KNOWLEDGE

### ELU LIPACID HAIR TONIC

Sebo regulator



### CASTALIA DERMOPUR

Oleanolic acid (sebo regulator)

Piroctone olamine(AF)





# Dandruff treatment

## DANDRUFF TTT: PRODUCT KNOWLEDGE

Head & shoulders  
Zinc pyrithione



SELSUN BLUE  
Selenium sulphide (AP-AF)



# Dandruff treatment

## DANDRUFF TTT: PRODUCT KNOWLEDGE

### Babe milk crust shampoo



# Dandruff treatment

## DANDRUFF TTT: PRODUCT KNOWLEDGE



Scalp soothing shampoo





## **Hair conditions**

**H. Damaging**

**H. Loss**

**Dandruff**

**Lice**



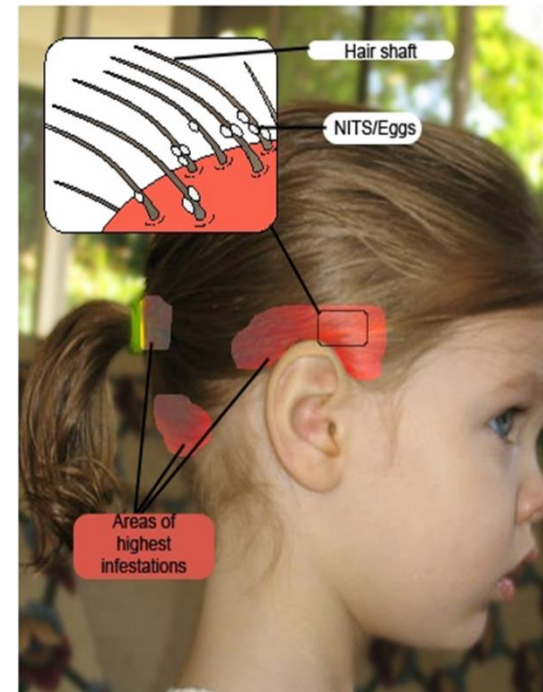


# Head Lice

- lice are small insects that live on human scalp
- lice feed on human blood for **30 days** only & then die
- mature female louse lay **3-10 eggs** (are called nits) per day

## Symptoms

itchy scalp especially behind the ears  
& at posterior hair line



# Head Lice

- Head lice can affect anyone – rich or poor, well-washed or not.
- Girls more than boys.
- Children **3-11 yrs.**
- It takes about **30 seconds** for a louse to transfer from one scalp to another.
  - head to head contact
  - by contact with combs, brushes & hats



# Head Lice Treatment

## **1-Physical (mechanical):**

that remove lice&nits by repeated combing or shaving

## **2-Pediculicides (chemical):** that kill lice

**Fomites (towel, pillowcases,hats&sheets)**

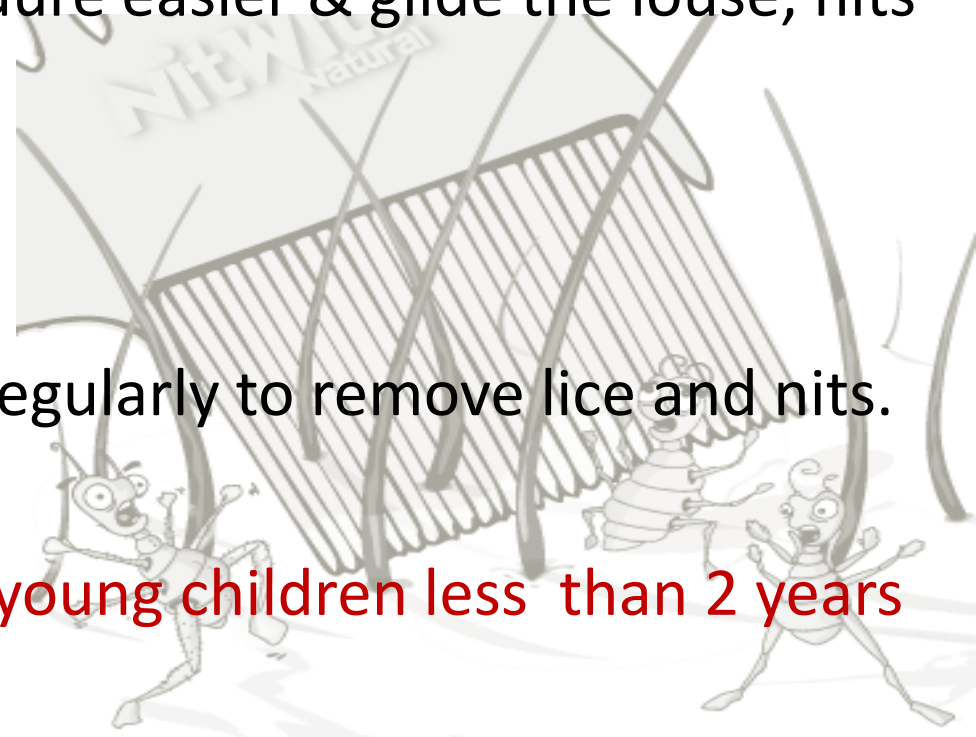
**Should be soaked in hot water**

**temp > 55° C for 5 min**

# Head Lice Treatment

## Physical (mechanical)

- Repeated combing with nit comb
- Wet combing is preferable. **Lubricating the hair with a conditioner** makes the procedure easier & glide the louse, nits
- The comb has to be cleaned regularly to remove lice and nits.
- More suitable for **pregnant & young children less than 2 years**





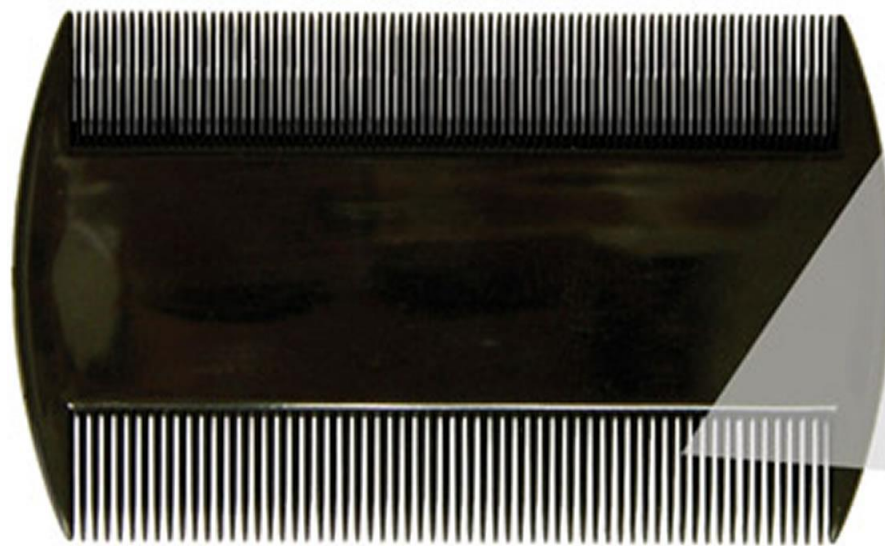
# Head Lice Treatment

## Physical (mechanical)

### Shaving

more commonly used  
for boys





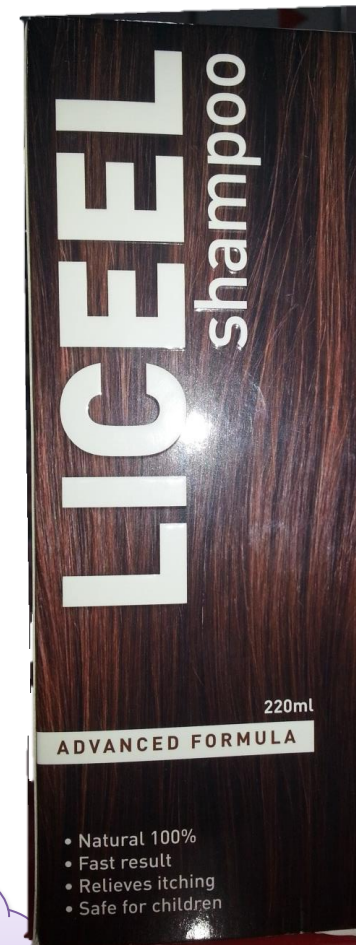
# Head Lice Treatment

## 2-pediculicides (chemical)

that kill lice :

EX. (Malathion - Pyrethrins – Permethrin - herbal )

# Lice treatment: Pediculicides



Lavender oil  
Tea Tree oil  
Apple Vinegar



**PARANIX**

HEAD LICE BRAND  
N°1  
IN EUROPE\*



Extracts of coconut oil and essential anise oil  
block the respiratory orifices of lice

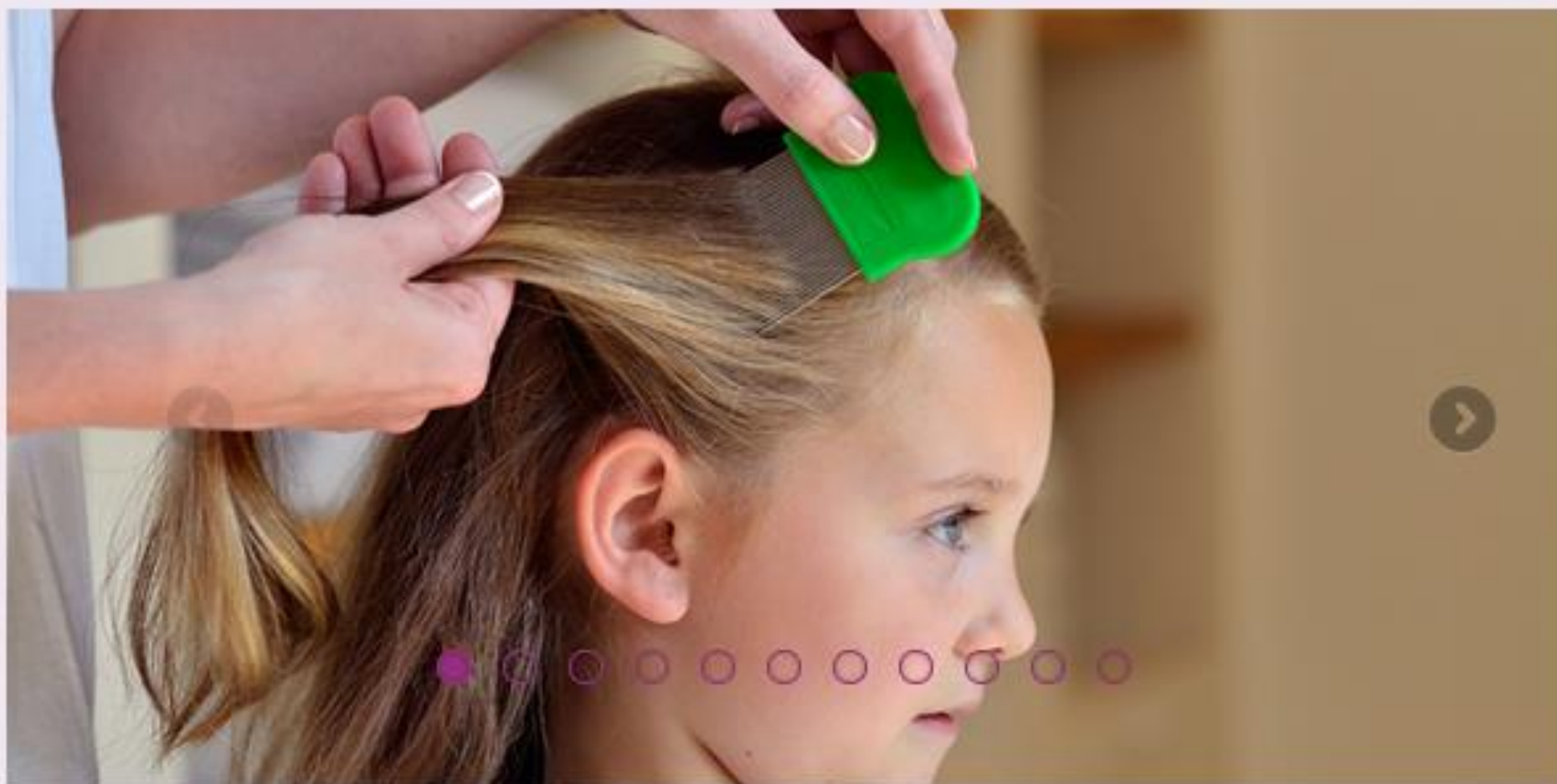
Step 1

Step 2

Step 3

Step 4

Step 5



Step 1

**Check DRY hair for head lice**

Check the hair lock by lock for head lice using the enclosed fine toothed anti-lice comb



Step 1

Step 2

Step 3

Step 4

Step 5



## Step 1

### Check DRY hair for head lice

Check the roots, behind the ears and in the neck. After each use, carefully clean the comb in lukewarm, soapy water, so as to avoid further re-infestation.

Step 1

Step 2

Step 3

Step 4

Step 5



Step 2

Apply Paradox shampoo

Apply ENOUGH Paradox shampoo evenly onto DRY hair.



Step 1

Step 2

Step 3

Step 4

Step 5



## Step 2

### Apply Paranix shampoo

Massage well from roots to tips and pay particular attention to the neck and behind the ears. Make sure the hair and scalp are completely saturated.

Step 1

Step 2

Step 3

Step 4

Step 5



Step 2

Apply Paranix shampoo

Leave it on for 10 minutes. This is vital for a successful treatment.

Step 1

Step 2

Step 3

Step 4

Step 5



Step 3

**WASH** your child's hair

Add sufficient water to the hair to work up foam.



Step 1

Step 2

Step 3

Step 4

Step 5



Step 3

**WASH** your child's hair

Wash and rinse the hair thoroughly. Be sure to rinse everything out.



Step 1

Step 2

Step 3

Step 4

Step 5



Step 4

**Remove the head lice and eggs with the fine anti-lice comb**

Before drying the hair, divide the hair in 4 sections.

Step 1

Step 2

Step 3

Step 4

Step 5



## Step 4

**Remove the head lice and eggs with the fine anti-lice comb**

Start with one section and comb thoroughly with the Paranix anti-lice comb to remove lice and eggs.



Step 1

Step 2

Step 3

Step 4

Step 5



## Step 4

**Remove the head lice and eggs with the fine anti-lice comb**

Clean the comb after each lock, to avoid re-infestation.



## Step 5

### Repeat the treatment after 7 days

After 7 days, repeat the entire treatment to ensure the life cycle of the lice is completely broken. Any eggs that could have hatched since the first treatment can also be eliminated.





## True or false

1



2



3



4



5



6



7



8



9



10



11



12



13



14



15



16



## Hair care

## True or false

17



18



19



20



21



22



23



24



25



26



27



28



29



30



31



32



## Hair care

Choose	
1	c
2	c
3	b
4	b
5	b
6	b
7	b
8	d
9	c
10	a

Choose	
11	e
12	b
13	d
14	c
15	d
16	c
17	a
18	b
19	d

True or false		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Hair cure		
True or false		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

True or false		
32		
33		
34		
35		



## Hair cure

Choose	
1	e
2	b
3	b
4	c
5	b
6	A,d
7	a
8	b
9	c
10	a

Choose	
11	b
12	d
13	a
14	a
15	c
16	a
17	A+b